

**Notice of Allowability**

Application No.

09/942,525

Applicant(s)

FERLAUTO ET AL.

Examiner

Art Unit

Joseph R Maniwang

2144

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 01/08/02.
2. ☒ The allowed claim(s) is/are 1-57.
3. ☒ The drawings filed on 08/29/01 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All   b) ☐ Some\*   c) ☐ None   of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 01/04/02
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

  
WILLIAM A. CUCHLINSKI, JR.  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600

## **DETAILED ACTION**

### ***Information Disclosure Statement***

1. The information disclosure statements (IDS) submitted on 01/04/02 were in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statements were considered by the Examiner.

### ***Allowable Subject Matter***

2. Claims 1-57 are allowed.
3. The following is an examiner's statement of reasons for allowance:
4. The provision for sorting name and address database records and standardized name and address file records by a first e-mail address field to create a sorted name and address file; sorting prior e-mail database records and converted e-mail file records by a second e-mail address field to create a sorted e-mail file; matching records from the sorted e-mail file against the sorted name and address file, wherein each of the sorted e-mail file records that match a record from the sorted name and address file has a name and address from each said matched sorted named and address record added to each of said matched record of said sorted e-mail file to create a matched name and address e-mail file; sorting the matched name and address e-mail file records and the standardized name and address file records by a first ZIP code field and a first last name field to create a first sorted name and address transactions file; updating the name and address database by matching the first sorted name and address

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transactions file records against prior consolidated name and address database records to create a new name and address database; and consolidating the new name and address database by eliminating records from said new name and address database such that only one record per an e-mail address per an individual in a household remains to create a new consolidated name and address database is not fairly taught or suggested by the prior art of record. Support for this functionality can be found in the Specification, p. 11, line 12 through p. 28, line 16 and Fig. 2A-2F.

5. The provision for utilizing an e-mail address for at least one key match element in matching a plurality of name and address database records with a plurality of records from at least one new input data stream; grouping a plurality of e-mail addresses for a same individual matched from the plurality of name and address database records and the plurality of records from at least one new input data stream forming a plurality of subgroup records; dynamically comparing a plurality of common elements from a first subgroup of said plurality of subgroup of records; applying a predetermined criteria to the plurality of common elements to select a best e-mail address; and saving the selected best email address with a record for the same individual in the name and address database is not fairly taught or suggested by the prior art of record. Support for this functionality can be found in the Specification, p. 13, line 11 through p. 14, line 19 and Fig. 2D.

6. The provision for applying a predetermined match algorithm to a plurality of records from at least one new input data stream and to a plurality of records from a name and address database; grouping the plurality of records from the at least one new

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input data stream and the plurality of records from the name and address database based on the match algorithm results forming a plurality of subgroup records; selecting a plurality of best elements from a first subgroup of records from the plurality of subgroup of records; and when the first subgroup contains at least one record from the name and address database, updating the record from the name and address database with the plurality of best elements, or when the first subgroup does not contain at least one record from the name and address database, creating a new records having the plurality of best elements is not fairly taught or suggested by the prior art of record. Support for this functionality can be found in the Specification, p. 25, line 1 through p. 31, line 19 and Fig. 2D-2F.

7. The provision for preprocessing an outside name and address file to append at least one new field to each record in the outside name and address file; preprocessing an outside e-mail file to append at least one new field to each record in the outside e-mail file; converting the outside name and address file and outside e-mail file into a plurality of database records through a list conversion program; standardizing address data for each of the plurality of database records from the outside name and address file; sorting the plurality of database records with a plurality of records from a prior consolidated name and address database by a first e-mail address to yield a sorted name and address file; sorting the converted outside email file with a plurality of records from a prior e-mail address database by a second e-mail address field to yield a sorted email file; matching the sorted name and address filed with the sorted e-mail file to yield a matched name and address e-mail file; sorting the plurality of database records each

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having the standardized address data with the matched name and address e-mail filed to yield a first sorted name and address transactions field; matching the prior consolidated name and address database with the first sorted name and address transactions file using a merge/purge algorithm yielding a new name and address database; and eliminating a plurality of records from the new name and address database such that only one record per e-mail address per individual in a household remains to yield a new consolidated name and address database is not fairly taught or suggested by the prior art of record. Support for this functionality can be found in the Specification, p. 5, line 7 through p. 28, line 16 and Fig. 2A-2F.

8. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Narurkar et al. (U.S. Pat. No. 6,711,624) disclosed a data exchange process for transferring data blocks from a source host of one format to a destination host having a different format.

Kane et al. (U.S. Pat. No. 6,389,429) disclosed a method and system for generating a target database from one or more source databases.

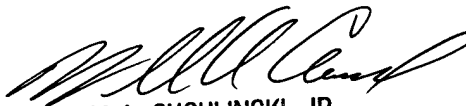
Zoken (U.S. Pat. No. 5,944,787) disclosed a method for automatically finding postal address from e-mail address.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joseph R Maniwang whose telephone number is (571) 272-3928. The examiner can normally be reached on Mon-Fri 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William A Cuchlinski can be reached on (571) 272-3925. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JM

  
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